bio-protocol Preprint

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Mouse breeding and husbandry

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An abbreviated version of this protocol was published in eLIFE in Sep 2021

Single-cell and single-nucleus RNA-seq uncovers shared and distinct axes of variation in dorsal LGN neurons in mice, non-human primates, and humans

DOI: 10.7554/eLife.64875

Detailed protocol

Please reference the following protocols:

- Slice Preparation with Tissue Dissociation - Mouse Protocol V.2 dx.doi.org/10.17504/protocols.io.bq6wmzfe
- Isolation of Nuclei from Adult Mouse Brain Tissue Protocol V.2 dx.doi.org/10.17504/protocols.io.bq7emzje
- FACS Single Cell Sorting V.4 dx.doi.org/10.17504/protocols.io.be4cjgsw
- SMARTerV4 (0.5x) Amplification for single-cell or single-nuclei RNASeq Protocol dx.doi.org/10.17504/protocols.io.7d5hi86

How to cite:（Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used）

1. Bakken, T. E. and van Velthoven, C. T.(2021). Mouse breeding and husbandry. Bio-protocol Preprint. bio-protocol.org/prep1476.
2. Bakken, T. E., van Velthoven, C. T., Menon, V., Hodge, R. D., Yao, Z., Nguyen, T. N., Graybuck, L. T., Horwitz, G. D., Bertagnolli, D., Goldy, J., Yanny, A. M., Garren, E., Parry, S., Casper, T., Shehata, S. I., Barkan, E. R., Szafer, A., Levi, B. P., Dee, N., Smith, K. A., Sunkin, S. M., Bernard, A., Phillips, J., Hawrylycz, M. J., Koch, C., Murphy, G. J., Lein, E., Zeng, H. and Tasic, B.(2021). Single-cell and single-nucleus RNA-seq uncovers shared and distinct axes of variation in dorsal LGN neurons in mice, non-human primates, and humans. eLIFE. DOI: 10.7554/eLife.64875

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